

IN THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

WHAT IS CLAIMED IS:

1-19. (canceled)

20-47. (withdrawn)

48-59. (canceled)

60. (withdrawn)

61-67. (canceled)

68. (previously presented) A method of providing to and for use by an aircraft aviation professional a lightweight and easily manipulated electronic flight bag, said method comprising the steps of:

(a) providing a transportable laptop computer to be carried by the aviation professional for use within at least one of an aircraft and an airport, in a carry bag;

(b) programming the transportable laptop computer with linear and non-linear algorithms and operating programs to at least: process flight information, manipulate flight related data in a non-linear algorithm thereby aiding in flight decision-making processes resulting in solutions to flight related mathematical computations and runway

selections and aircraft operating parameters and procedures, calculate pilot fatigue limits and scheduling issues and fuel computations, and provide data displays to the aviation professional;

(c) receiving information for a first flight plan from a flight operations, wherein the information for the first flight plan includes a departure runway information, destination information, alternate airports information, and fuel time information;

(d) inputting aircraft and flight related data into the transportable laptop computer using an input device, wherein the aircraft and flight related data includes weather information for the first flight plan, aircraft crew scheduling information, aircraft maintenance information, aircraft load weight and balance information, and aircraft manifest information;

(e) acquiring information that includes the weather information, the aircraft crew scheduling information, the aircraft maintenance information, the aircraft load weight and balance information and the aircraft manifest information an up to the minute basis using the transportable laptop computer;

(f) calculating using the transportable laptop computer while en route an adjusted second flight plan based on the up to the minute information, wherein the adjusted second flight plan is substantially different than the first flight plan; and

(g) outputting the adjusted second flight plan while en route to the aviation professional using at least one of an interactive headgear worn by the aviation professional, a translucent display coupled to the transportable laptop computer and an aircraft system.

69. (previously presented) The method of Claim 68 further comprising the step of loading into the transportable laptop computer aircraft and aviation manuals for flight operating and emergency procedures, and charts for an off-line emergency airport.

70. (canceled)

71. (previously presented) The method of Claim 68 further comprising the step of providing the transportable laptop computer, wherein the transportable laptop computer includes a knee-top ergonomic style unit.

72. (canceled)

73. (previously presented) The method of Claim 68 further comprising the step of programming, and loading data into, said laptop computer on-line, and off-line through a modem, and via internet and intranet systems, and via other communication means.

74. (previously presented) The method of Claim 68, further comprising formatting the adjusted second flight plan into an electronic output, wherein the electronic output may be used directly by an aircraft auto-pilot control system coupled to the aircraft.

75. (previously presented) The method of Claim 68, wherein the adjusted second flight plan includes an alternate destination, alternate runway, alternate crew and an alternate route.

76. (previously presented) The method of Claim 68, wherein the information for a first flight plan and the updated information are received by the transportable laptop computer using wireless communications.

77. (previously presented) The method of Claim 68, further comprising providing the aviation professional with at least one of charts, maps, log-books, union regulations and rules and crew rest and duty limits using the transportable laptop computer.